

NUMBERS & ODDITIES

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-::: N&O #12 :::-

Hello everyone. Only Hans-Friedrich was so kind to send me some info this month. I still have no time to collect info myself, so I fully depend on YOU! I copied a couple of interesting items from the mailing list and included info from John and Guy that reached me after last month's deadline. This month I have a special about French intelligence for you. Please, send me all Spooks related info that you can find for next month's N&O. Thank you!

-o-o-o-o-o-o-o-o-o-o-

* MEMORY LANE: EC3Y/DEA47 [M15] *

One of the now defunct German stations was EC3Y. Unlike a number of other German stations in the 80's, this one used a Spanish callsign instead of an official German callsign. According to the German PTT they used the Spanish callsign because the transmissions were beamed towards Spain. Not very likely, imho. The callsign changed to DEA47 lateron. This callsign belonged to the BFST (Bundesamt fuer Telekommunikations Statistik) in Husum, which is believed to be an alias of the BND.

EC3Y/DEA47 was a Morse station and most of the time it transmitted ''VVV DE EC3Y'' and later ''VVV DE DEA47'' strings. Only a few 5FG messages were sent each day.

The station was only heard on Mon-Fri during office hours (0900-1700 CET which is 0800-1600 UTC).

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* BITS AND PIECES *

::: UNID VOICE STATIONS

Ian in New Zealand copied this unid station: 5342.5 kHz, Russian station at 0825 UTC (9 March) LSB with YL in RR repeating names like OLGA, SERGEI, YURI, MIKHAIL, NICKOLEI, IVAN etc. Ideas anyone?

Andy heard the following unid station:
Saturday 20 March, 1603 UTC, 8140 kHz - Strong AM carrier best
received in SSB mode. Language: English, male voice ('not a voice
that I associate with the Russian Man Family' sez Andy)
3 fig ID (274) repeated many times
5fg in multiple batches
off at 1614 UTC with 00 00 (that's two zero's plus two zero's)
carrier off at 1618 UTC

::: ISRAELI INTELLIGENCE [E10]
Valeriano heard various special Israeli intelligence transmissions:
5530//3640 kHz at 2334 (9 March): VLBKED (x20) and a message with 14
5lg up to 0000 UTC. At the same time on 4665//3485 kHz MIWVCB with
the same format, also 14 groups, but a different text.

::: THREE-NOTE ODDITY [G04]
Hans-Friedrich supplied his G04 analysis from the past few weeks.
Here we go:

07.03.99
2105Z 4520.5 kHz
2138Z 3315 kHz (bad choice: coastal station ch. 422 with much tfc.
Note the late time of this transmission)

Message : 21587 32658 95458 32125 00254 95402 45214 32125 95457 30216
62125 45215 95458 74521 63212 45215 52125 95458 36555 84021
12525 32125 45200 95458 32125 95458 30214

Analysis: Frequent groups : 4x 32125
2x 45215
5x 95458

First two figures :	Last three figures:
00254	84021
12525	32125 4x
21587	52
30214	62
216	45200
32125 4x	63212
658	45214
36555	30
45200	45215 2x
214	30216
45215 2x	00254
52125	95402
62125	95457
63212	95458 5x
74521	74521
84021	12525

95402
457
95458 5x

36555
21587
32658

History : Sommer 2005 2035
Winter 2105 2135

01/96 3227 3127
02/96 3409 3309
03/96 3419 3319
04/96 4581 4481
05/96 4165 4065
06/96 4340 4240
07/96 3935 3835
08/96 4165 4065
09/96 3930 3830
10/96 3280 3180
11/96 3270 3170
12/96 3285 3185
01/97 3230 3130
02/97 3245 3145
03/97 3275 3175
04/97 3936 3836
05/97 4245 4145
06/97 4376 4276
07/97 3930 3830
08/97 3935 3835
09/97 3915 3815
10/97 3315 3215
11/97 3265 3165
12/97 3255 3155
01/98 3255 3155
02/98 3265 3165
03/98 4435 4335
04/98 4745 4645
05/98 5410 5310
06/98 5730 5630
07/98 5840 5740
08/98 5755 5655
09/98 5310 5210
10/98 4685 4585
11/98 3940 3840
12/98 3380 3280
01/99 3415 3315
02/99 3905 3805
03/99 4520 4420

John checks in with an 'A2A' update. He writes:

"A2A" is still on 3393 kHz at 0600 UTC daily - I don't know where his second freq is. I merely mention this because later this month when most of Europe changes to "Summer Time" (Daylight Saving Time), "A2A" will change to 0500 UTC so as to be at the same local time in his country; and very probably will change to higher freqs. I can only just hear 3393 in the mornings at present - it is already becoming light here and will be full daylight in Eastern Europe - things should be much easier if he goes back to 6 MHz at the end of the month.

::: M76

Guy Denman reports that M76 has moved down the band to 3280, still on at 1750.

::: FAPSI TRANSMISSIONS

Freq.	UTC	link	callsign
-----	----	-----	-----
14457	2300	00125	MIG to WFO
14427	1620	60069	
23130	1450	60069	
16260	1310	20076	
12101	1120	00168	SPK
22880	0930	00079	
16151.8	1614	60069	
14842.8	2230	00127	JMS
13451.8	2238	00127	JMS

::: Polytone stations [XPH]

Andy supplied the morning (UTC) schedules and anomalies for March. The schedule as set at the beginning of the month was as follows:

0700z - 13411 kHz
0720z - 14911 kHz
0740z - 16111 kHz

On Friday 19 March the 0740 repeat of the message traffic sent at 0700 & 0720 was not repeated on 16111 kHz and Andy could not locate an alternative frequency within +/- 1 MHz.

On Tuesday 23 March, the 0720 repeat went out on 14611 kHz (still in the fixed service segment) and not 14911 kHz as expected. The 2nd repeat at 0740 went out on 16111 kHz as per the schedule.

::: TICKING STATION

The unid ticking station that pops up every now and then, possibly transmits from Yerevan, Armenia.

-0-0-0-0-0-0-0-0-0-0-

* AGENCY PROFILE: FRENCH INTELLIGENCE *

::: General

French intelligence can be divided into two groups:

- 1) Agencies controlled by the Ministry of Interior / Surete Nationale (RG, DST, DCPJ, CRS, TRACFIN)
- 2) Agencies controlled by the SGDN - Secretariat General de la Defense Nationale (DGSE, DRM, DPSM, SCSSI, BRGE)

French numbers stations allegedly associated with French intelligence are M16, M51 and the now defunct M33. See for station profiles N&O #4 (M16) and N&O #9 (M51).

::: Ministry of Interior / Surete Nationale

* Traitement du Renseignement et Action contre les Circuits Financiers Clandestins (Tracfin) is an agency that investigates money laundering etc.

:: RG - Renseignement Generaux

The tasks of the RG is research and centralization of information to inform the government. It participates in the fundamental defense of the interest of the state and supports the internal security mission. RG has four directorates:

- * Directorate of Research: centralizes information concerning prevention and combatting terrorism and watches groups which pose hazards to the national territory.
- * Directorate of Analysis is responsible for analysis and synthesis of information collected in the social, financial or corporate domains. It devotes an equally large share of its activity to the life of the city and to its deviances, such as urban violences.
- * Directorate of Races and Backlashes is responsible, throughout the national territory, for monitoring backlashes and racial organizations, and it has judicial competence for all specific infringements in this domain.
- * Directorate of Resources and Methods manages human resources, logistics, documentation, and ascertains budgetary matters as well as the training of personnel.

RG also cooperates closely with the Directorate of the National Police, the Prefecture of Police and the other administrations or

authorities.

:: DST - Direction de la Surveillance du Territoire.
Originally founded to counter alien military espionage activities, DST nowadays also focus on economic, scientific and technical espionage and on the terrorist threat. In the cold war days, the Soviet spies were the main target of the DST, now the Israeli and American spies are DST's main treats. The DST presently is administered as an internal security agency whose essential function is to search for information for security.

The DST is divided into 5 directorates (counterespionage, safety and protection of the country, international terrorism, administrations and an office of (inter)national relationships); 7 regional directorates, and several brigades and 4 posts installed overseas.

:: DCPJ - Direction Centrale Police Judiciaire
The French national police force is the responsibility of the Ministry of the Interior, while the gendarmerie national is supervised by the MoD. The DCPJ is one of the most important French internal security services and is closely related to the DST.

o Gendarmerie Nationale: modes SITOR-A, Baudot 50bd, ARQ-E3.

o Frequencies:

3677.0	3724.0	3780.0	3851.0	3879.0	4061.5	4504.0
4506.5	4507.7	4608.5	4761.5	4763.0	4921.5	5147.4
5438.5	5779.0	14613.7	18046.0	kHz		

A network of the Gendarmerie Nationale can be heard on 4506.5/4507.7 kHz from 08.00 UTC. USB and 75bd/400Hz Baudot are being used. The master station is the Mobile Group in Mont Saint Aignan who seems to be the connecting link between all 'Escadrons Mobile' in the region. Normally there will be a callup in USB after which the RTTY session will start on 4507.7 kHz. All units were using 'Charlie' callsigns. Similar transmissions were also logged on 5438.5 kHz, this time 'Golf' callsigns were used.

Charlie-???	Legion Gendarmerie Mobile Rennes	(RFFDCX LEGENDMOBIL)
Charlie-900	Groupe Mobile Mont Saint Aignan	(RFFXBX)
Charlie-903	Escadron Mobile Le Havre	(RFFXBV BRIRECHGEND)
Charlie-904	Escadron Mobile Argenton	
Charlie-905	Escadron Mobile Aunay Sur Odon	
Charlie-906	Escadron Mobile Cherbourg	

Other Gendarmerie stations:

FVA 33 - Nantes

FVA 80 - Rosny-sur-Bois

FVC 20 - Orleans
FVC 25 - Montargis
FVC 27 - Pithiviers
FVC 47 - Gap
FVJ - St. Herblain
FVK - Bordeaux
FVL - Limoges

- o Lebanon: mode SITOR-A; 14613.7 kHz. Escadron Mobile Beirut (FVI 90)
- o French Guyana: mode ARQ-E3. Cayenne 20756.4 kHz
- o Reunion: mode baudot 75bd; clear and encrypted text. 5141.5 kHz;
the frequency is used by various police stations on Reunion Island
to send reports to their HQ in St Denis. Transmissions always start
with ops chat in USB on the same freq.

:: CRS - Compagnies Republicaines de Securite

The CRS was formed in 1944. CRS is part of the French police but has
special tasks like the protection of the President and other officials.
CRS mobile units also act as highway patrol, life guards and mountain
rescue teams.

Their territorial organization is on three levels:

- * a central administration with the general manager of the national
Police in Paris;
- * 9 Regional groupings installed at seats of defense regions;
- * 61 dispersed companies across the metropolitan territory.
- * Additionally there are three continuous training stations and a
dedicated station for the training for mountaineering and skiing.

CRS Groupements:

Group 1: Ile de France

consists of units 1, 2, 3, 4, 5, 7, 8, 61

Group 2: Picardie

consists of units 11, 12, 15, 16, 21

Group 3: Bretagne - Normandie

consists of units 9, 10, 13, 31, 32, 42

Group 4: Aquitaine - Midi-Pyrenees

consists of units 14, 17, 22, 24, 25, 26, 27, 28, 29

Group 5: Centre - Limousin

consists of units 18, 19, 20, 21, 41, 51, 52

Group 6: Champagne - Lorraine

consists of units 23, 30, 33, 35, 36, 37, 38, 39

Group 7: Bourgogne - Franche-Compte

consists of units 40, 43, 44

Group 8: Rhone-Alpes - Auvergne

consists of units 34, 45, 46, 47, 48, 49, 50

Group 9: Provence-Alpes-Cote d'Azur - Languedoc Roussillon

consists of units: 6, 53, 54, 55, 56, 57, 58, 59, 60

o Transmission modes: USB, CW, ARQ-E3.

o Freqs: 4529 4585 4928 5033 5265
5274 5365 5395.5 5800 6855 kHz

o Callsigns

CRS units use the callsigns FIS and FSS, both followed by a 2 or a 3 + the number of the department, i.e. CRS Lyon has been copied with both FIS369 and FSS369 callsigns and CRS Pau with FIS264 and FSS364. The different callsigns are mission related and possibly also indicate various departments/units in the same area.

Nr	Department Name	Capital City
---	-----	-----
01	Ain	Bourg-en-Bresse
02	Aisne	Laon
03	Allier	Moulins
04	Alpes de Haute Provence	Digne
05	Hautes Alpes	Gap
06	Alpes Maritimes	Nice
07	Ardeche	Privas
08	Ardennes	Charleville-Mezieres
09	Ariege	Foix
10	Aube	Troyes
11	Aude	Carcassonne
12	Aveyron	Rodez
13	Bouches du Rhone	Marseille
14	Calvados	Caen
15	Cantal	Aurillac
16	Charente	Angouleme
17	Charente Maritime	La Rochelle
18	Cher	Bourges
19	Correze	Tulle
20	Corse (Hautes)	Bastia
20	Corse (Sud)	Ajaccio
21	Cote d'Or	Dijon

22	Cotes du Nord	Saint-Brieuc
23	Creuse	Gueret
24	Dordogne	Perigueux
25	Doubs	Besancon
26	Drome	Valence
27	Eure	Evreux
28	Eure et Loire	Chartres
29	Finistere	Quimper
30	Gard	Nimes
31	Haute Garonne	Toulouse
32	Gers	Auch
33	Gironde	Bordeaux
34	Herauld	Montpellier
35	Ille et Vilaine	Rennes
36	Indre	Chateauroux
37	Indre et Loire	Tours
38	Isere	Grenoble
39	Jura	Lons-le-Saunier
40	Landes	Mont-de-Marsan
41	Loir et Cher	Blois
42	Loire	Saint-Etienne
43	Haute Loire	Le Puy
44	Loire Atlantique	Nantes
45	Loiret	Orleans
46	Lot	Cahors
47	Lot et Garonne	Agen
48	Lozere	Mende
49	Maine et Loire	Angers
50	Manche	Saint-Lo
51	Marne	Chalons-sur-Marne
52	Haute Marne	Chaumont
53	Mayenne	Laval
54	Meurthe et Moselle	Nancy
55	Meuse	Bar-le-Duc
56	Morbihan	Vannes
57	Moselle	Metz
58	Nievre	Nevers
59	Nord	Lille
60	Oise	Beauvais
61	Orne	Alencon
62	Pas de Calais	Arras
63	Puy de Dome	Clermont-Ferrand
64	Pyrenees Atlantiques	Pau
65	Hautes Pyrenees	Tarbes
66	Pyrenees Orientales	Perpignan
67	Bas Rhin	Strasbourg
68	Haut Rhin	Colmar
69	Rhone	Lyon

70	Haute Saone	Vesoul
71	Saone et Loire	Macon
72	Sarthe	Le Mans
73	Savoie	Chambery
74	Haute Savoie	Annecy
75	Seine	Paris (MOI)
76	Seine Maritime	Rouen
77	Seine et Marne	Melun
78	Yvelines	Versailles
79	Deux Sevres	Niort
80	Somme	Amiens
81	Tarn	Albi
82	Tarn et Garonne	Montauban
83	Var	Draguignan
84	Vaucluse	Avignon
85	Vendee	La Roche-sur-Yon
86	Vienne	Poitiers
87	Haute Vienne	Limoges
88	Vosges	Epinal
89	Yonne	Auxerre
90	Territoire de Belfort	Belfort
91	Essonne	Evry
92	Hauts de Seine	Nanterre
93	Seine Saint Denis	Bobigny
94	Val de Marne	Creteil
95	Val d'Oise	Pontoise
971	Guadeloupe	Basse-Terre
972	Martinique	Fort de France
973	Guyana	Cayenne
974	La Reunion	Saint-Denis
975	St.Pierre-et Miquelon	Saint-Pierre
976	Mayotte	Dzaoudzi

::: SGDN - Secretariat General de la Defense Nationale - is responsible for the military intelligence services (DGSE, DRM, DPSM, SCSSI, BRGE)

:: DGSE - Direction Generale de la Securite Exterieur
The DGSE is responsible for military intelligence as well as for strategic information, electronic intelligence, and it is also responsible for the counterespionage outside the borders of the national territory.

The DGSE was formed through the the integration of the diverse agencies of French intelligence from the Second World War. The Free French forces in 1942 created the Central Bureau of Information and Action (BCRA), which in November 1943 relocated to Algiers as the General Directorate of Special Services (DGSS). In November 1944 the

intelligence networks of the French Resistance were integrated to the DGSS, which was redesignated the Directorate of Studies and Research (DGER). In 1946 the government created the External Documentation and Counterespionage Service (SDECE) subordinated to the prime minister. On 4-4-1982 the SDECE was replaced by the Directorate of the External Security (DGSE) which was no longer permitted to operate on French territory.

DGSE is divided into a number of directorates:

- * Strategic Directorate
- * Intelligence Directorate: responsible the collection of information
- * Technical Division. Constituted from the former Groupement des Controles Radioelectriques (GCR). Responsible for strategic electronic intelligence, and maintains a number of collection stations throughout the world. At a listening station west of Paris, the DGSE can intercept international telephone and fax traffic.
[note: stations M16, M33 and M51 are thought to be DGSE related]
- * Operations Division is responsible for planning and implementing clandestine operations (think of the 'Rainbow Warrior' bombing).
- * Division Action is responsible for the training camps in Cercottes (CPES), in Perpignan (CIPS) and in Roscanvel (CPEOM).

:: BRGE - Brigade de Renseignement et de Guerre Electronique
The (BRGE) is fairly new, it was founded in September 1993, to solve intelligence shortcomings observed during the Gulf War. It provides the Defense Ministry and military commands with SIGINT support.

:: DPSD - Direction de la Protection et de la Securite de la Defense
The DPSD (formerly Securite Militaire - SM) is responsible for military counterintelligence operations, as well as political surveillance of the military, ensuring the political reliability of the armed forces, and other military security duties.

:: DRM - Direction du Renseignement Militaire
The DRM was -like the BRGE- created to solve intelligence shortcomings observed during the Gulf War. DRM is a fusion of the former CERM (Centre d'Exploitation du Renseignement Militaire), CIREM (Centre d'Information sur les rayonnements Electromagnetiques), CIII (Centre l'Interpretation Interarmees de l'Imagerie), l'Unite Interarmees HELIOS, and the Second Bureau of the Army and Air Force. Naval Intelligence was not absorbed by the DRM and remains under the BRGE. DRM collects not only military intelligence but also political and strategic intelligence. The DRM is not a secret service as such, it is merely analysing COMINT, SIGINT, HUMINT, SATCOM SIGINT and PHOTINT information collected by others, e.g. BRGE.

:: SCSSI - Service Central de la Securite des Systemes d'Informations

SCSSI is responsible for regulation of the use of cryptosystems.

::: Literature and related websites:

FAS - Federation of American Scientists homepage

'The French Secret Services' by Douglas Porch

'Nachrichtendienste in Nordamerika, Europa und Japan'
by Erich Schmidt-Eenboom

'Spy Book' by Norman Polmar and Thomas B.Allen

'The Guinness Book of Espionage' by Mark Lloyd

Ministry of Interior official homepage

National Police official homepage

Police Judiciaire homepage

CRS unofficial homepage

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Numbers + Oddities Newsletter LOG COLUMN MARCH 1999

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Jascha Ruesseler

znn000000@hotmail.com

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Hi, folx, welcome to the number station logbook. Once again sorry
that I could'nt make the column last month.

Our log format is as follows:

FREQ c/s Station Enigma-Code rest in free format should include time,
date, mode, details and initials. (and maximally one space in between
the entries !)

Please use the following format for the date: mmddyy, that is 121498
from now on. Please note that I can only include logs in the column
which stick to this format. Unfortunately, I had to leave out some
really good catches due to the wrong format (space in between the
entries etc.). It is much more work for me or others to edit the logs
than for the original poster to use the suggested format. It helps
all of us, especially the folks who wants to work with databases.

This column contains logs posted to the spooks mailing list or to
Ary or myself privately.

For an up-to-date reference of the enigma designators see n+o faq.
If you want to remain anonymous, just send your logs to me or Ary
with a note saying so.

Let's open the logbook...

Contains logs from postings to the spooks list from March, 1st to
March, 22nd 1999

#####

3244 M8 0400 CW WNNWN MTATD AWMUA (Sun) 21 Mar 99 (LBJ)
3244 V2 0212 AM (In tfc - Sun) 21 Mar 99 (LBJ)
3244 M8 0400 CW (Too weak to copy - Sun) 7 Mar 99 (LBJ)
3270 31 (NATO) (E10), 1915Z, 28/feb, CI02 (hfd)
3292 V2 0205 AM (In tfc - Tue) 9 Mar 99 (LBJ)
3389 V2 0110 AM (In tfc - Tue) 9 Mar 99 (LBJ)
4016 M8 0410 CW (In tfc - Thurs) 11 Mar 99 (LBJ)
4016 M8 0300 CW UIDRN DWUAN IIATA (Sat) 13 Mar 99 (LBJ)
4016 M8 0314 CW IUAUN (Cont'd) (Mon) 15 Mar 99 (LBJ)
4016 M8 0302 CW GMIAA IDDUN MUNND (Mon) 8 Mar 99 (LBJ)
4016 M8 0205 CW (In tfc - Thurs) 11 Mar 99 (LBJ)
4016 M8 0300 CW WWMGA MUNNA IGIRA (Sat) 6 Mar 99 (LBJ)
4027 M8 0300 CW WNNWN MTATD AWMUA (Sun) 21 Mar 99 (LBJ)
4027 M8 0300 CW MNTAD TDRMD AMGND (Sun) 7 Mar 99 (LBJ)
4027.5 ANDUWRIGMT/M8 0300 Fri 3/19/99 5L/F/G in progress. (JM4)
4028 V2 1105 AM (In tfc - Mon) 22 Mar 99 (LBJ)
4028 V2 1103 AM (In tfc - Mon) 15 Mar 99 (LBJ)
4028 V2 1111 AM (In tfc - Mon) 8 Mar 99 (LBJ)
4030 M10 0402 CW 555(x3) 619(x3) 40 07(x3) 49 (Cont'd - Thurs)
11 Mar 99 (LBJ)
4030 M10 0404 CW 555(x3) 249(x3) 39 071(x3) 12 (Mon) 15 Mar 99 (LBJ)
4034 M8 0403 CW MNTAN (Cont'd - Sat) 6 Mar 99 (LBJ)
4035 V2 0405 AM (In tfc - Mon) 15 Mar 99 (LBJ)
4035 V2 0404 AM (In tfc - Mon) 8 Mar 99 (LBJ)
4035 V2 1107 AM (In tfc - Wed) 17 Sep 99 (LBJ)
4036 V2 1103 AM (In tfc - Wed) 10 Mar 99 (LBJ)
4130 31 (pre NATO) (E15), 1900Z, 26/feb, m SAR QRU (hfd)
4130 31 (pre NATO) (E15), 2100Z, 5/feb, m OSS QTC NR1 GR9 01GDD
QIIFD... (hfd)
4130 31 (pre NATO) (E15), 1900Z, 26/feb, m SAR QRU (hfd)
4130 31 (pre NATO) (E15), 2100Z, 5/feb, m OSS QTC NR1 GR9 01GDD
QIIFD... (hfd)
4173 M8 1100 CW WNNWA TDWGA RWUAD (Fri - Sked copied in spite
of S+20 dB noise level!) 19 Mar 99 (LBJ)
4173 M8 1103 CW (In tfc - Fri) 12 Mar 99 (LBJ)
4173 M8 1100 CW IUATA RMDRA RRMTN (Wed - S9 noise level) 10 Mar 99
(LBJ)
4173.5 M8 1102 CW (Unable to copy - S+10dB noise level, but there -
Mon) 15 Mar 99 (LBJ)
4173.5 M8 1100 CW (Unable to copy - +10db noise level, but definately
there - Mon) 8 Mar 99 (LBJ)
4173.5 M8 1100 CW NWUDN MAIDN ITDTD (Wed) 17 Feb 99 (LBJ)
4174 Atencion/V2 0300 Mon 3/22/99 YL/SS rptg A 09512 94102 08302
5FG. (JM4)
4174 V2 0317 AM (In tfc - Mon) 15 Mar 99 (LBJ)
4180 5f < ==000 (M03), 1630Z, 8/feb, 287/00 (hfd)
4180 5f < ==000 (M03), 1630Z, 8/feb, 287/00 (hfd)

4478 M8 1100 CW IMIIA NAIGD WIAMA (Tue) 16 Mar 99 (LBJ)
 4478 M8 1100 CW DAAAD RAMRA TTTGA (Fri) 19 Mar 99 (LBJ)
 4478 M8 1100 CW GWDUN UTUDA WIAMN (Tue) 23 Mar 99 (LBJ)
 4478 M8 1103 CW (In tfc - Thurs) 11 Mar 99 (LBJ)
 4478 M8 1100 CW MGNAD RMIRN IUAUA (Fri) 12 Mar 99 (LBJ)
 4478 M8 1104 CW (In tfc - Tue) 9 Mar 99 (LBJ)
 4478 M8 1100 CW TWUDD DWIGA UIUWD (Thurs - 10346 N/H) 18 Feb 99 (LBJ)
 4479 V2 0415 AM (In tfc - Fri) 12 Mar 99 (LBJ)
 4479 M8 0300 CW IUATD AINDA TMGID (Sat) 13 Mar 99 (LBJ)
 4479 V2 0308 AM (In tfc - Wed) 17 Sep 99 (LBJ)
 4506 M8 0305 CW (In tfc - Late start - Sun) 21 Mar 99 (LBJ)
 4506 M8 0414 CW (In tfc - Fri) 12 Mar 99 (LBJ)
 4506 M8 0100 CW IUATA TANAD IDGAN (Thurs) 11 Mar 99 (LBJ)
 4506 M8 0307 CW (In tfc - Wed) 17 Feb 99 (LBJ)
 4506 M8 0300 CW WWMGN MUNNN IGIRN (Sun) 7 Mar 99 (LBJ)
 4507 V2 1106 AM (In tfc - Thurs) 18 Sep 99 (LBJ)
 4604 5F < 3F 2/3F 00000 (M14), 1900Z, 26/feb, 560 38?/71 (hfd)
 4665 31 (NATO) (E10), 2015Z, 28/feb, MIW55, //5239 (hfd)
 4892 UNK 0408 CW CQ DE XSR(?) K (Handsent - Mon - Sounded like he belonged to the two skeds above) 15 Mar 99 (LBJ)
 5239 31 (NATO) (E10), 2015Z, 28/feb, MIW55, //4665 (hfd)
 5268 M28 0340 CW DE HEP5 (Wed) 17 Feb 99 (LBJ)
 5419 M8 0200 CW WNWND TTTGN UGRRN (Mon) 22 Mar 99 (LBJ)
 5419 M8 0200 CW MMIAD ATRWD GDIGA (Sat - Was testing at 0152Z) 20 Mar 99(LBJ)
 5419 M8 0200 CW UIDRN DWUAN IIATA (Fri) 13 Mar 99 (LBJ)
 5419 M8 0200 CW UWMDN IUAUN WTWDA (Mon) 15 Mar 99 (LBJ)
 5419 M8 0200 CW GMIAA IDDUN MUNND (Mon) 8 Mar 99 (LBJ)
 5419 M8 0300 CW MMTWA UIURA MITID (Thurs - 4028 & 5758 N/H) 18 Feb 99(LBJ)
 5419 M8 0200 CW WWMGA MUNNA IGIRA (Sat) 6 Mar 99 (LBJ)
 5422 Lincolnshire Poacher" (E03), 1800Z, 26/feb, 68063, //8464, 6485(hfd)
 5431.5 UNK 0205 CW P7X (In tfc - Sat - //5779.5) 13 Mar 99 (LBJ)
 5431.5 UNK 0210 CW P7X (//5779.5 - Tue) 9 Mar 99 (LBJ)
 5431.5 //5779.5 P7X 0508z (99-03-07) in progress (PFR)
 5431.5 UNK 0405 CW P7X (In tfc - //5779.5 - Sun) 7 Mar 99 (LBJ)
 5435 MOSSAD/E10 0300 Fri 3/19/99 YL/EE r[tg ART 5LG. (JM4)
 5435 MOSSAD/E10 0300 Sat 3/20/99 YL/EE rptg ART 5LG. (JM4)
 5435 MOSSAD/E10 0300 Sun 3/21/99 YL/EE rptg ART 5LG. (JM4)
 5435 E10 0402 USB ART2 (Sun) 21 Mar 99 (LBJ)
 5435 31 (NATO) (E10), 2200Z, 8/feb, ART (hfd)
 5435 MOSSAD/E10 0300 Sunday 3/7/99 YL/EE rptg ART 5LG. (JM4)
 5447 M31 0205 CW VVV DE FDG AR (FDC is also on same freq!) (Sun) 7 Mar 99 (LBJ)
 5530 // 3640 E10 2334 030999 Repeating VLBKED (x20) and a message with 14 5lg up to 0000 (VM)

5530 31 (NATO) (E10), 2238Z, 28/feb, VLB56Z93 (hfd)
 5746 Lincolnshire Poacher" (E03), 1900Z, 24/feb, 60644, //8464, 6485 (hfd)
 5758 M8 0200 CW GAUTN WMADN MGNA (Wed) 10 Mar 99 (LBJ)
 5762 V2 0210 AM (In tfc - Sat) 13 Mar 99 (LBJ)
 5763 V2 0207 AM (In tfc - Sat) 20 Mar 99 (LBJ)
 5779.5 UNK 0455 CW P7X (In tfc - Sun - //5431.5) 14 Mar 99 (LBJ)
 5779.5 UNK 0204 CW P7X (In tfc - Mon - //5431.5) 15 Mar 99 (LBJ)
 NOTE: P7X was very busy most of the weekend. So it appears that P7X sends messages in a broadcast type scenario on two // freqs at the same time. He also receives msgs from other stations on random freqs. I checked both 8997 and 14925 several times, but P7X or any of the other stations in his net were heard again on these freqs. The prosign ZUG is normally used on teletype circuits and signifies NO. From what I have observed so far, my guess is US Military, and probably US Navy.
 5779.5 UNK 0203 CW QRA DE P7X (//5431.5 - Mon) 8 Mar 99 (LBJ)
 5779.5 UNK 0203 CW QRA DE P7X (Wed) 10 Mar 99 (LBJ)
 5779.5 UNK 0206 CW P7X (//5431.5 - Thurs) 11 Mar 99 (LBJ)
 5779.5 UNK 0245 CW QRA DE P7X (//5431.5 - Sat) 6 Mar 99 (LBJ)
 5781 UNK 0412 CW (In 5 fig - Mon - hand sent - using a combination of numbers and cut numbers (Silent at 0420Z - Voice came up on freq, sounded Chinese/Japanese?? - Nice loud signal) 15 Mar 99 (LBJ)
 5834 31 (pre NATO) (E15), 1800Z, 26/feb, m NSA QRU (hfd)
 5860 M14 0407 CW (In 5 fig tfc - QSZ - 35 WPM - SUN - T=0) 00000 (OTA 0408Z) 7 Mar 99 (LBJ)
 5865 M31 0215 CW VVV DE FDG AR (Sat) 6 Mar 99 (LBJ)
 6270 //7760 MOSSAD/E10 0100 Thu 3/18/99 YL/EE rptg ULX 5LG. (JM4)
 6270 //7760 MOSSAD/E10 0100 Sat 3/20/99 YL/EE rptg ULX 5LG. (JM4)
 6270 //7760 MOSSAD/E10 0100 Sun 3/21/99 YL/EE rptg ULX 5LG. (JM4)
 6270 //7760 MOSSAD/E10 0100 Mon 3/22/99 YL/EE rptg ULX 5LG. (JM4)
 6270 31 (NATO) (E10), 2200Z, 8/feb, ULX2 (hfd)
 6379 M22 2316 CW VVV DE 4XZ (Wed) 9 Mar 99 (LBJ)
 6485 Lincolnshire Poacher" (E03), 1800Z, 26/feb, 68063, //8464, 5422 (hfd)
 6485 Lincolnshire Poacher" (E03), 1900Z, 24/feb, 60644, //8464, 5746 (hfd)
 6498 PCD2: Mossad/Israeli Intel 0505 USB YL/EE w/PCD2 ann. (RB)
 6658 31 (NATO) (E10), 0600Z, 3/feb, KPA2, //8465 (hfd)
 6767 M8 1200 CW UGRRN RDUTD DGAWN (Sun) 21 Mar 99 (LBJ)
 6767 M8 1208 CW (In tfc - Sun) 14 Mar 99 (LBJ)
 6767 V2 0418 AM (In tfc - Mon) 8 Mar 99 (LBJ)
 6768 Atencio6768 V2 0105 AM (In tfc - Sat) 13 Mar 99 (LBJ)
 V2 0100 Sat 3/20/99 YL/SS rptg A 29452 94101 44481 5FG. (JM4)
 6780 M10 0212 CW 555(x3) 186(x3) 47 450(x3) 40 20 Mar 99 (LBJ)
 6780 M10 0216 CW 275(x3) 56 450(x3) 24 275(x3) 530(X3) 56 BT (X2)

(Into 5fig tfc - QSZ - T=0 - Sat) 13 Mar 99 (LBJ)

6785 M8 1310 CW (In tfc - Sun) 21 Mar 99 (LBJ)

6786 M8 1306 CW (In tfc - Sun) 14 Mar 99 (LBJ)

6787 M51 0125 CW NR 40:0902:24:49 1999 BT (Into 5 fig tfc - Tue -
//5267) 9 Mar 99 (LBJ)

6797 M8 1200 CW IADGA AMTID UMIDN (Wed) 17 Mar 99 (LBJ)

6797 M8 1200 CW IADGD AUAGN ARMAA (Fri) 19 Mar 99 (LBJ)

6797 M8 1200 CW DAURD NGAIN NAGTA (Mon) 22 Mar 99 (LBJ)

6797 M8 1200 CW MGTWN TMMAA GDAMD (Fri) 12 Mar 99 (LBJ)

6797 M8 1209 CW (In tfc - Sun - Started late) 14 Mar 99 (LBJ)

6797 M8 1200 CW MMDMN AMTIA DMTDD (Mon) 15 Mar 99 (LBJ)

6797 M8 1204 CW (In tfc - Mon - 6982 sked N/H) 8 Mar 99 (LBJ)

6797 M8 1200 CW IUAAD NRGAN GDAMA (Wed) 10 Mar 99 (LBJ)

6797 M8 1200 CW RRURA RTNID IDMTN (Wed) 17 Feb 99 (LBJ)

6797 M8 1200 CW TANUD AMWAN IUUIA (Sun) 7 Mar 99 (LBJ)

6802 //10665//11659 TCS/V5 0300 Mon 3/8/99 YL/SS rptg 609 Grupo
110 3/2FG. (JM4)

6825 M8 1200 CW TTRWN NDGGD TMIAN (Thurs) 18 Mar 99 (LBJ)

6825 M8 1207 CW (In tfc - Thurs) 11 Mar 99 (LBJ)

6845 M31 0335 CW FDC (Mon) 15 Mar 99 (LBJ)

6850 M8 0110 CW (In tfc) NR 89 M 1902:03:00 1999 BT (Into tfc
- Fri) 19 Mar 99 (LBJ)

6850 M51 2226 CW NR 11 M 23 23:26:15 1999 BT (Tue) 23 Mar 99 (LBJ)

6854 M8 1200 CW ATRWA GDGGN MMIAA (Wed) 17 Mar 99 (LBJ)

6854 M8 1303 CW ITNDN UURTD UWTAA (Thurs) 11 Mar 99 (LBJ)

6854 M8 1200 CW MMADD NAWA RAUTD (Wed) 10 Mar 99 (LBJ)

6854 M8 1200 CW UIMRA RDRTN MMTWA (Wed) 17 Feb 99 (LBJ)

6855 Atencion/V2 0300 Mon 3/22/99 YL/SS rptg A 60211 68631 24921
5FG. (JM4)

6855 V2 0324 AM (In tfc - Mon) 15 Mar 99 (LBJ)

6855 Atencion/V2 0300 Mon 3/8/99 YL/SS rptg A 43343 92142 82322
5FG. (JM4)

6860 E6 2212 USB (5fig -male- QSZ - EE - TUE) 00000 (OTA 2221Z)

6866 M8 1200 CW ATRWD RDUTA MMIAD (Fri) 19 Mar 99 (LBJ)

6866 M8 1300 CW RMGMN MGURA GNND A (Sat) 20 Mar 99 (LBJ)

6866 M8 1200 CW DWUAN NAWD UIDRN (Fri) 12 Mar 99 (LBJ)

6866 M8 1300 CW INDUA MRNRA UWTAD (Sat) 13 Mar 99 (LBJ)

6866 M8 1315 CW (In tfc - Sat) 6 Mar 99 (LBJ)

6886 M13 2209 CW (In tfc) BT 57604 ...- T=0 - Tue) BT TTT(Long
zeros) 16 Mar 99 (LBJ)

6921 UNK 0325 CW (In 5 fig - Mon - hand sent) AR NR 272 W 27 BT
(Using a combination of numbers and cut numbers) AR 29 NR 20
W 128 BT (Into tfc) AR NR 274 W 166 BT (0331Z) NR 142 W 186
BT (0342Z) R CM BT BT (Silent 0344Z - Appears to have QSYed)
15 Mar 99 (LBJ)

6932 M8 1302 CW (In tfc - Sat) 20 Mar 99 (LBJ)

6932 M8 1300 CW DWUAD MGWWA UIDRD (Sat) 13 Mar 99 (LBJ)

6932 M8 1318 CW (In tfc - Sat) 6 Mar 99 (LBJ)

6933 M8 1157 CW MMDMD AMTIN UMIDA (Tue - up early testing - some distortion on sig) 16 Mar 99 (LBJ)
6933 M8 1200 CW IADGN AUAGA UMIDD (Thurs - was up testing at 1155Z) 18 Mar 99 (LBJ)
6933 M8 1205 CW (In tfc - Sat) 20 Mar 99 (LBJ)
6933 M8 1205 CW (In tfc - Tue) 23 Mar 99 (LBJ)
6933 M8 1208 CW (In tfc - Thurs) 11 Mar 99 (LBJ)
6933 M8 1200 CW IUAAN NRGAA IUUID (Tue) 9 Mar 99 (LBJ)
6944 SLHFM 0304 CW T (Marker - Sun) 21 Mar 99 (LBJ)
6944.25 SLHFM 0000 Sat 3/20/99 "T" sent every six seconds. (JM4)
6944.25 SLHFM 0000 Mon 3/22/99 cw "T" sent every six seconds. (JM4)
6945.5 M51 0111 CW NR 29 11:02:12:35 1999 BT (Thurs - unable to find //) 11 Mar 99 (LBJ)
6959 Lincolnshire Poacher (E03), 2200Z, 8/feb, 72977 (hfd)
6959 Lincolnshire Poacher (E03), 2100Z, 5/feb, 29251, //9251 (hfd)
6959 Lincolnshire Poacher (E03), 1900Z, 25/feb, 53302, //11545, 9251 (hfd)
6959 Lincolnshire Poacher (E03), 2100Z, 27/feb, 53302, //11545, 9251 (hfd)
6970 //9070 Counting Station (E5) 1806 (030899) USB id 392 count 113 (DR)
6970 TCS/E5 0322 USB (In tfc - Wed) 17 Sep 99 (LBJ)
6982 M8 1310 CW (In tfc - Sun) 21 Mar 99 (LBJ)
6982 M8 1200 CW UGRRD GNUWA DGAWD (Mon) 22 Mar 99 (LBJ)
6982 M8 1305 CW (In tfc - Sun) 14 Mar 99 (LBJ)
6982 M8 1200 CW WTWDN AGWWD IIDGN (Mon) 15 Mar 99 (LBJ)
6982 M8 1308 CW (In tfc - Sun) 7 Mar 99 (LBJ)
6997 M8 1200 CW DAURN NGAIA ARMAD (Sun) 21 Mar 99 (LBJ)
7337 Lincolnshire Poacher (E03), 2200Z, 25/feb, 04577, //12603, 9251 (hfd)
7532 Two-Letter German/G16 0400 Sunday 3/7/99 YL/GG rptg Whiskey Lima w/electronic tune. At 0405 ...522; 522 ___ gruppen... Achtung! and into 3/2FGx2. Covered w/QRM from WHSB on 7535. (JM4)
7555 Atencion/V2 0300 Sun 3/21/99 YL/SS completely covered by Lord's Ranch. (JM4)
7555 V2 0300 AM ATENCION 21739 65383 13583 (Sun) 7 Mar 99 (LBJ)
7555 Atencion/V2 0300 Sunday 3/7/99 YL/SS rptg A 21539 65383 13583 5FG. (JM4)
7630 M? 0503 CW 135 (Cont'd - Sun) 21 Mar 99 (LBJ)
7631 M?? 0504 CW 135 (Cont'd - Sun - OTA 0511Z) 14 Mar 99 (LBJ)
7726 V2 Atencion 0508z (99-03-07) in progress (PFR)
7726 Atencion/V2 0500 Sunday 3/7/99 YL/SS 5FG in progress. (JM4)
7760 E10 Mossad 0100z (99-03-09) ULX very faint (PFR)
7846 M8 1108 CW (In tfc - Wed - S+40 dB signal - 4173 N/H S+10 dB noise level) 17 Mar 99 (LBJ)
7887 Atencion/V2 0200 Sun 3/21/99 YL/SS rptg A 96102 40462 13152 5FG. (JM4)

7887 V2 0211 AM (In tfc - Sun) 7 Mar 99 (LBJ)
7887 Atencion/V2 0200 Sunday 3/7/99 YL/SS rptg A 21539 65383
13583 5FG. (JM4)
7888 V2 0220 AM (In tfc - Sun) 21 Mar 99 (LBJ)
7889 M8 1405 CW (In tfc - Sun) 21 Mar 99 (LBJ)
7889 M8 1206 CW (In tfc - Tue) 23 Mar 99 (LBJ)
7889 M8 1402 CW (In tfc - Sun - very weak) 14 Mar 99 (LBJ)
7889 M8 1400 CW UNRGA UURTA TMWDD (Sun) 7 Mar 99 (LBJ)
7890 M8 1200 CW WTWDD GDGGA EIDGD (Tue) 16 Mar 99 (LBJ)
7890 M8 1301 CW DAURA AUAGD ARMAN (Sat) 20 Mar 99 (LBJ)
7890 M8 1300 CW MGTWA NRGAD GDAMN (Thurs) 11 Mar 99 (LBJ)
7890 M8 1300 CW MGTWD TMMAN DEMTDA (Sat) 13 Mar 99 (LBJ)
7890 M8 1200 CW MMADN TDTWD NAUTN (Tue) 9 Mar 99 (LBJ)
7890 M8 1319 CW (In tfc - Sat) 6 Mar 99 (LBJ)
7918 MOSSAD/E10 0200 Thu 3/18/99 YL/EE rptg YHF 5LG. (JM4)
7918 MOSSAD/E10 0200 Sat 3/20/99 YL/EE rptg YHF 5LG. (JM4)
7918 MOSSAD/E10 0200 Sun 3/21/99 YL/EE rptg YHF 5LG. (JM4)
7918 MOSSAD/E10 0200 Mon 3/22/99 YL/EE rptg YHF 5LG. (JM4)
7918 MOSSAD/E10 0200 Monday 3/8/99 YL/EE rptg YHF 5LG. (JM4)
7918 MOSSAD/E10 0200 Sunday 3/7/99 YL/EE rptg YHF 5LG. (JM4)
7968 UNK 1309 CW (Sending VVV - Hand sent) NR BT (into 5fig tfc
32 Gp msg) AR (Repeated some of the groups - T=0 - Sun)
(Sent two more msgs prefixed with VVV LTLT BT (Both coded
msg contained a combination of both letters and numbers -
What peaked my interest was that the xmitter sounded like the
ones used for M8 skeds. - All 3 msgs were very short 32, 40
and 27 groups - After sending his 3 msgs, he was abviously
breaking in on someone (not heard on this freq) sending tfc
to him. Was still going at 1405Z) (Suspect cuban diplo)
7 Mar 99 (LBJ)
8000 M31 0208 CW VVV DE FDG AR (Sat) 6 Mar 99 (LBJ)
8057 //10692.5 P7X 1408z (99-03-09) 8057 much fainter - in
progress (PFR)
8057 UNK 0210 CW QRA DE P7X (Sun) 7 Mar 99 (LBJ)
8080 //9160 Counting Station (E5) 1701 (022199) USB id 574 count
215 (DR)
8085 //9219 Counting Station (E5) 1700 (031599) USB id 305 (DR)
8085 //9219 Counting Station (E5) 1700 (031899) USB id 305 count
132 (DR)
8085 //9219 Counting Station (E5) 1702 (032299) USB id 305 count
132 (DR)
8085 //9219 Counting Station (E5) 1704 (021899) USB id 168 count
168 (DR)
8085 //9219 Counting Station (E5) 1706 (030899) USB id 305 count
132 (DR)
8095 M31 2219 CW VVV DE FDC AR (Mon) 8 Mar 99 (LBJ)
8124 M12 2210 CW 183(x3) TTT (Cont'd - Wed) 17 Mar 99 (LBJ)
8124 M12 2212 CW 183(x3) TTT (Wed) 10 Mar 99 (LBJ)

8152 TCS/E5 2207 USB 898 (//6960 - Mon) 22 Mar 99 (LBJ)
8152 TCS/E5 2212 USB (In tfc - Mon - //6960) 8 Mar 99 (LBJ)
8160 The English Lady/E6 (null broadcast) 0300 Sat 3/20/99 YL/EE
rptg 571 571 571 00000 until :03 then down. (JM4)
8186 V2 1118 AM (In tfc - Thurs) 11 Mar 99 (LBJ)
8190 Czech control single 5f msg (Bulg. Betty) (S17), 1250Z,
6/feb, 79029, //9385 (hfd)
8190 Czech control single 5f msg (Bulg. Betty) (S17), 1250Z,
7/feb, 69024, //9385 (hfd)
8261.5 M53 2202 CW VVV CQ 747.947 (Cont'd - very wear - Wed) 17 Mar
99 (LBJ)
8300 V13 New Star 1400z (99-03-05) obscured (PFR)
8300 V13 New Star 1408z (99-03-09) very loud but obscured by other
xmn (PFR)
8307 several, favours 5f <AR (M23) 1400Z, 20/feb, 579, //9285 (hfd)
8375 V13 New Star 1400z (99-03-05) well audible (PFR)
8464 Lincolnshire Poacher (E03), 1800Z, 26/feb, 68063, //6485,
5422 (hfd)
8464 Lincolnshire Poacher (E03), 1900Z, 24/feb, 60644, //6485,
5746 (hfd)
8465 31 (NATO) (E10), 0600Z, 3/feb, KPA2, //6658 (hfd)
8749 Atencion/V2 (old version) 0400 Sun 3/21/99 YL/SS 5FG in
progress atop W00. At :06 two final, then A 959/06 and 06/53
and back into 5FG. Down at:13 w/two final. (JM4)
8749 V2 0409 AM (Cxr up, but no tfc sent - Sun) 7 Mar 99 (LBJ)
9024 V2 0208 AM (In tfc - Wed) 17 Sep 99 (LBJ)
9062 M8 0500 CW UGUDA GWMIA AUAAA (Sun) 21 Mar 99 (LBJ)
9062 M8 0409 CW (In tfc - Thurs) 11 Mar 99 (LBJ)
9062 M8 0508 CW (In tfc - Sun) 14 Mar 99 (LBJ)
9063 Atencion/V2 0200 Thu 3/18/99 YL/SS rptg A *beep*1333 10311
1_243 with major errors in recording - almost every group
was either missing a character or number was replaced by a
beep. (JM4)
9063 Attencion Numbers Station: 0215 AM (Thur) YL/SS in progress
w/5F. w/call-up & count. (RB)
9125 //9219 Counting Station (E5) 1709 (022199) USB id 010 count
172 (DR)
9129 M12 2203 CW 179(x3) 1 (Cont'd - Tue) 16 Mar 99 (LBJ)
9129 M12 2201 CW 179(x3) 1 (Tue) 23 Mar 99 (LBJ)
9129 M12 2209 CW (In tfc - 5fig - T=0 - 30 wpm - Tue - OTA 2216Z)
000 000 9 Mar 99 (LBJ)
9130 //11565 MOSSAD/E10 0100 Thu 3/18/99 YL/EE rptg EZI 5LG. (JM4)
9130 //11565 MOSSAD/E10 0100 Sat 3/20/99 YL/EE rptg EZI 5LG. (JM4)
9130 //11565 MOSSAD/E10 0100 Sun 3/21/99 YL/EE rptg EZI 5LG. (JM4)
9131 E10 2202 USB EZI2 (Tue) 23 Mar 99 (LBJ)
9145 The English Lady/E6 0300 Mon 3/22/99 YL/EE 5FGx2 in progress.
Down at:16 w/804 804 93 93 00000. Will probably repeat tonight
(JM4)

9186 M28 0112 CW VVV HEP9 (Fri) 19 Mar 99 (LBJ)
 9186.5 M28 2217 CW VVV DE HEP9 AR (Mon) 8 Mar 99 (LBJ)
 9219 TCS/E5 2220 USB (In tfc - Tue) 9 Mar 99 (LBJ)
 9251 Lincolnshire Poacher (E03) 2100Z, 5/feb, 29251 //6959 (hfd)
 9251 Lincolnshire Poacher (E03) 1900Z, 25/feb, 53302 //11545, 6959 (hfd)
 9251 Lincolnshire Poacher (E03), 2100Z, 27/feb, 53302, //11545, 6959 (hfd)
 9251 Lincolnshire Poacher (E03), 2200Z, 25/feb, 04577, //12603, 7337 (hfd)
 9285 several, favours 5f <AR (M23), 1400Z, 20/feb, 579, //8307(hfd)
 9331 SPANISH LADY (V2) 0623Z (01.03.99) AM in progress (SD)
 9331 Attencion Numbers Station: 0609 AM (Mon) YL/SS in progress w/5F. (RB)
 9385 Czech control single 5f msg (Bulg. Betty) (S17), 1250Z, 6/feb, 79029, //8190 (hfd)
 9385 Czech control single 5f msg (Bulg. Betty) (S17), 1250Z, 7/feb, 69024, //8190 (hfd)
 10046 M22 0125 CW VVV DE 4XZ BT (Sun) 7 Mar 99 (LBJ)
 10126 M8 1100 CW DRADD NDWWD NDDRN (Fri) 19 Mar 99 (LBJ)
 10126 M8 1100 CW AINAN DRRTN NRGNA (Fri) 12 Mar 99 (LBJ)
 10127 M8 1100 CW DRADA RGARN ARNND (Wed) 17 Mar 99 (LBJ)
 10127 M8 1100 CW UGUDD TADMNH AUAAD (Mon) 22 Mar 99 (LBJ)
 10127 M8 1115 CW (N/H at 1100Z, but distorted signal on freq which sounded like a severely distorted V2 sked - M8 sked begins at 1115Z in middle of msg - Mon) 15 Mar 99 (LBJ)
 10127 M8 1100 CW UUWGA MRTMD RIIUA (Mon) 8 Mar 99 (LBJ)
 10127 M8 1100 CW UUWGD ...(Wed - Unusually very weak for this freq) 10 Mar 99 (LBJ)
 10127.5 M8 1105 CW (In tfc - Wed) 17 Feb 99 (LBJ)
 10345 M8 1100 CW WWDTD RMAGN ARNNN (Tue) 16 Mar 99 (LBJ)
 10345 M8 1102 CW (In tfc - Tue) 23 Mar 99 (LBJ)
 10345 M8 1100 CW UUWGN DDNAN TGTMA (Tue) 9 Mar 99 (LBJ)
 10346 M8 1100 CW DRRTA ATTNA TGTMD (Thurs) 11 Mar 99 (LBJ)
 10352 31 (NATO) (E10), 0600Z, 3/feb, EZI, //13533 (hfd)
 10426 LP/E3 2227 USB (In tfc - Mon - //11545) 8 Mar 99 (LBJ)
 10446 M8 1102 CW (In tfc - Tue) 23 Mar 99 (LBJ)
 10446 M8 1100 CW URNGD RWRGD WMUUA (Tue) 16 Mar 99 (LBJ)
 10446 M8 1100 CW AINAA DDNAD ANGTD (Thurs) 11 Mar 99 (LBJ)
 10446 M8 1105 CW (In tfc - Tue - +30db over) 9 Mar 99 (LBJ)
 10642 Slovak Man (S10E) 1300 (031199) USB 29670-30/19 92488-53/17 28444-55/16 15184-62/18 (DR)
 10642 Slovak Man (S10E) 1300 (031299) USB 85005-75/21 97471-24/18 44222-05/15 68943-32/16 (DR)
 10642 Slovak Man (S10E) 1300 (031399) USB 62295-50/19 68076-61/18 54724-80/16 55456-97/19 (DR)
 10642 Slovak Man (S10E) 1300 (031499) USB 94746-09/19 22674-05/17 70482-44/19 92274-52/16 (DR)

10642 Slovak Man (S10E) 1300 (031599) USB 65342-??/20 26373-??/18
 53688-24/19 34756-80/15 (DR)
 10642 Slovak Man (S10E) 1300 (031699) USB 38079-92/19 70494-79/18
 28315-42/16 35788-38/15 (DR)
 10665 //11491 TCS/V5 0300 Mon 3/22/99 YL/SS rptg 609 Grupo 110
 3/2FG. Note another frequency change. (JM4)
 10692.5 UNK 1650 CW P7X (In tfc - Sat - //8057) 13 Mar 99 (LBJ)
 10692.5 UNK 1655 CW P7X (In tfc - Sun - //8057) 14 Mar 99 (LBJ)
 10714 M8 1115 CW ITNWA (Cont'd - into tfc - Wed) 17 Mar 99 (LBJ)
 11072 //13465 Counting Station (E5) 1800 (021899) USB id 492 count
 34 (DR)
 11072 TCS/E5 1807 USB 076 (Sun) 7 Mar 99 (LBJ)
 11170 31 (pre NATO) (E15), 1230Z, 6/feb, OSS (Otto) QRU (hfd)
 11270 Russian Man 'control' (S25) 0821 (032299) AM sked 615 message
 groups: 73934 71124 (DR)
 11270 Russian Man 'control' (S25) 0820 (022299) AM sked 615 message
 groups: 21079 29979 (DR)
 11270 Russian Man 'control' (S25) 0820 (030899) AM sked 615 message
 groups: 00818 07678 (DR)
 11430 V13 New Star 1408z (99-03-09) in progress (PFR)
 11545 //13375//15682 LP/E3 1500 Mon 3/8/99 YL/EE rptg 57587 5FGx2
 (JM4)
 11545 //12603//13375 LP/E3 1600 Mon 3/8/99 YL/EE rptg 9___0 5FGx2
 Weak (JM4)
 11545 Lincolnshire Poacher (E03), 1900Z, 25/feb, 53302, //9251,
 6959 (hfd)
 11545 Lincolnshire Poacher (E03), 2100Z, 27/feb, 53302, //9251,
 6959 (hfd)
 11545 Lincolnshire Poacher (E03), 1715Z, 5/feb, msg, //13375 (hfd)
 11545 Lincolnshire Poacher (E03), 1800Z, 6/feb, 72977, //16084,
 13375 (hfd)
 11545 Lincolnshire Poacher (E03), 1900Z, 26/feb, 66051, //15682,
 13375 (hfd)
 11545 Lincolnshire Poacher/E3 1400 Sunday 3/7/99 extremely weak -
 only tune was audible. (JM4)
 11565 MOSSAD/E10 0100 Fri 3/19/99 YL/EE rptg EZI 5LG. (JM4)
 11565 MOSSAD/E10 0100 Mon 3/22/99 YL/EE rptg EZI 5LG. (JM4)
 11565 MOSSAD (E10) 0630Z (14.03.99) USB id EZI2 //13533 (SD)
 11565 E10 Mossad 0100z (99-03-09) very faint - could not make out
 ID (PFR)
 11565 31 (NATO) (E10), 1800Z, 7/feb, EZI2, //13533 (hfd)
 11566 Atencion/V2 0300 Fri 3/19/99 YL/SS 5FG in progress. Note new
 freq. Probable replacement for 6782 which was silent. (JM4)
 12202 SPANISH MAN (V7) 0629Z (16.03.99) AM in progress (SD)
 12215 Atencion/V2 0000 Sat 3/20/99 YL/SS rptg A 95521 55192 35061
 5FG. probable replacement for 7583 which was silent. (JM4)
 12300.5 //14421 TCS/V5 0300 Sat 3/20/99 YL/SS rptg 788 Grupo 51 3/2FG
 (JM4)

12603 LP/E3 2215 USB (In tfc - Wed) 17 Mar 99 (LBJ)
12603 Lincolnshire Poacher (E03), 2200Z, 25/feb, 04577, //9251, 7337 (hfd)
12603 Lincolnshire Poacher (E03), 1600Z, 4/feb, 72977, //14487 (hfd)
12705 M16 2157 CW VVV 8BY 216/012/629/289/532/776/146 (Cont'd - OTA 2200Z - Wed - //14931 - //10248) 17 Mar 99 (LBJ)
13375 Lincolnshire Poacher (E03), 1715Z, 5/feb, msg, //11545 (hfd)
13375 Lincolnshire Poacher (E03), 1800Z, 6/feb, 72977, //16084, 11545 (hfd)
13375 Lincolnshire Poacher (E03), 1900Z, 26/feb, 66051, //15682, 11545 (hfd)
13444 The Counting Station: (TCS) 0906UTC 030699 YL/EE ID 638 (LARSEN)
13452 //15651 TCS/V5 0100 Fri 3/19/99 YL/SS rptg 478 Grupo 112 3/2FG. Note new // - 15478 was silent. (JM4)
13458 The Counting Station (TCS) 1900 USB (Sat) YL/EE w/call-up to 466, count 1-0, beeps into msg. (RB)
13528 SLHFM 1907 CW P (Marker - Sat) 13 Mar 99 (LBJ)
13528 SLHFM 1907 CW S (Marker - Sat) 13 Mar 99 (LBJ)
13528 SLHFM 1907 CW C (Marker - Sat) 13 Mar 99 (LBJ)
13533 31 (NATO) (E10), 1800Z, 7/feb, EZI2, //11565 (hfd)
13533 31 (NATO) (E10), 0600Z, 3/feb, EZI, //10352 (hfd)
13750 V13 New Star 1408z (99-03-09) obscured (PFR)
13902 SPANISH MAN (V7) 0640Z (16.03.99) AM call-up 629 id 8683/68 msg 98267... (SD)
13906 TCS/E5 1220 USB (In tfc - Sun - //15732) 14 Mar 99 (LBJ)
13906 TCS/E5 1222 USB (In tfc - N/H on //15732 - Sun) 7 Mar 99 (LBJ)
14419 6 tone Repeating (X6) 1458 (031399) AM
14487 //15682//16084 LP/E3 1200 Fri 3/19/99 YL/EE 5FGx2 in progress (JM4)
14487 E3 Lincolnshire Poacher 1400z (99-03-05) Tune audible (PFR)
14487 Lincolnshire Poacher (E03), 1600Z, 4/feb, 72977, //12603 (hfd)
14787 TCS/E5 1903 USB 466 (Sat) 13 Mar 99 (LBJ)
14801 M51 2114 CW (In 5ltr) NR 08M 1722:09:26 1999 BT (Into tfc - Wed) 17 Mar 99 (LBJ)
14830 V2 2112 AM (In tfc - Wed) 17 Mar 99 (LBJ)
14890 Russian Man 'control' (S25) 0802 (031599) AM sked 615 message groups: 06092 05712 (DR)
14890 Russian Man 'control' (S25) 0801 (032299) AM sked 615 message groups: 77404 75694 (DR)
14890 Russian Man 'control' (S25) 0801 (022299) AM sked 615 message groups: 23849 25199 (DR)
14890 Russian Man 'control' (S25) 0801 (030899) AM sked 615 message groups: 03478 026_8 ? (DR)
14925 UNK 1700 CW (In 5 ltr code) ... EVLIX AR D8W DE P7X QSL K (OTA 1700Z - Sat) 13 Mar 99 (LBJ)
14931 M16 1857 CW VVV 8BY 933/982/906/449 AR (Silent at 1900Z -Sat - //12075 - //18415) 13 Mar 99 (LBJ)

14931 M16 1645 CW 8BY 058/311 (//20946 - Fri) 5 Mar 99 (LBJ)
 14931.5 M16 1658 CW VVV 8BY 753/561/313 AR (OTA 1700Z - Sun - //18415.5
 - - //12075) 14 Mar 99 (LBJ)
 14931.5 M16 1958 CW VVV 8BY 542/523/992/459/122 AR (OTA 2000Z - Sun -
 //12075) 14 Mar 99 (LBJ)
 15682 Lincolnshire Poacher (E03), 1900Z, 26/feb, 66051, //13375,
 11545 (hfd)
 16084 E3 Lincolnshire Poacher 1400z (99-03-05) Tune VERY faint (PFR)
 16084 Lincolnshire Poacher (E03), 1800Z, 6/feb, 72977, //13375,
 11545 (hfd)
 16884 (16084 ? typo ? - ed.) LP/E3 1707 USB 51904 (Fri) 5 Mar 99 (LBJ)
 17499 //22108 Cherry Ripe/E4 0000 Thu 3/18/99 YL/EE rptg 80055 5FGx2.
 (JM4)
 19145 6 tone Repeating (X6) 1408 (031399) AM followed by CW and MFSK
 19884 Cherry Ripe/E4 0100 Mon 3/22/99 YL/EE 5FGx2 in progress. (JM4)
 19884 CHERRY RIPE (E4) 0102Z (12.03.99) USB id 51384 //21866 (SD)
 20048 SLHFB 1655 CW P (Marker - Fri) 5 Mar 99 (LBJ)
 21866 Cherry Ripe/E4 0100 Fri 3/19/99 YL/EE rptg 77458 5FGx2. (JM4)
 21866 E4 Cherry Ripe 0100z (99-03-09) tune audible; #s too faint to
 be clear (PFR)
 21866 E4 Cherry Ripe 0129z (99-03-10) in progress - very faint (PFR)
 22108 Cherry Ripe/E4 0000 Fri 3/19/99 YL/EE rptg 68538 5FGx2. (JM4)
 22108 Cherry Ripe/E4 0000 Mon 3/22/99 YL/EE 5FGx2 in progress. (JM4)
 22108 E4 Cherry Ripe 2333z (99-03-07) in progress - moderately faint
 (PFR)
 22108 E4 Cherry Ripe 0032z (99-03-09) in progress (PFR)
 23461 Cherry Ripe/E4 1200 Fri 3/19/99 YL/EE 5FGx2 in progress. (JM4)

Tnx to the following contributors:

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 PFR: Paul F. Reah, Phoenix, Arizona, USA
 RB: Rick RD Baker, Ohio, USA
 SD: Simon Deneen, Sidney, N.S.W., Australia
 VM: Valeriano Martin, Spain

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